

## Inactivated Poliomyelitis Vaccine (IPV)

Manufacturer Sanofi Pasteur

Brand Name IPOL

Formulation - 10-dose vial

Dosage - 0.5ml

Storage - Refrigerate immediately. Store at 2°-8° C (35°-46° F). Do not freeze.

Injection Site -	Anterolateral thigh or Upper arm	Anterolateral thigh or deltoid
Route -	Subcutaneous (SC)	Intramuscular (IM)
Needle Size -	23 to 25 gauge, ½ inch	22 to 25 gauge, 1-1.5 inches

Administration: Simultaneously or at any interval between doses of an inactivated or live antigen.

### Recommended IPV schedule

Dose 1 - 2 months

Dose 2 - 4 months

Dose 3 - 6-18 months

Dose 4 - 4-6 years

### Minimum Interval Schedule:\*

Dose 1 - 6 wks

Dose 2 - 4wks after Dose 1

Dose 3 - 4wks after Dose 2

Dose 4- 6months after Dose 3 and  $\geq$  4yrs of age \*\*

Dose 5 -6 months after Dose 4, if needed

\* The use of the minimum age (6wks) and intervals between the first three doses (4wks) should only be used if:

1. Mass vaccination campaigns to control outbreaks of paralytic polio.
  2. Unvaccinated children who will be traveling in <4weeks to areas where polio is endemic or epidemic.
- ACIP recommends this precaution because shorter intervals and earlier start date lead to lower seroconversion rates.

\*\* *The final dose in the IPV series should be administered at age  $\geq$ 4 years regardless of the number of previous doses.*

Reference: MMWR August 7, 2009 / 58(30);829-830

[http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5830a3.htm?s\\_cid=mm5830a3\\_e](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5830a3.htm?s_cid=mm5830a3_e)

Contraindications to IPV vaccination:

1. Anaphylactic reaction to a previous dose of IPV
2. Hypersensitivity to any component of the vaccine, including 2-phenoxyethanol, formaldehyde, neomycin, streptomycin and polymyxin B.

Precaution to IPV vaccination:

1. Moderate or severe acute illness